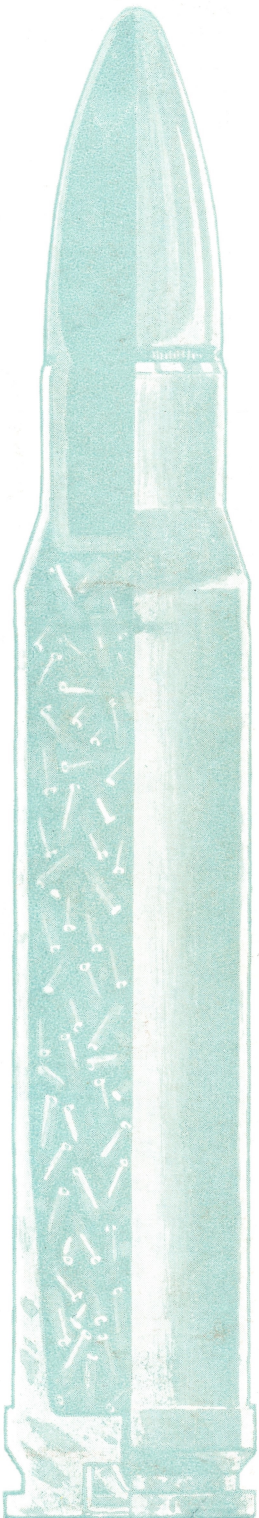
norma

center fire rifle, pistol and revolver cartridges



catalog no. 59

non-corrosive
non-mercuric
special reloadable brass cases

norma center fire metallic cartridges

Index nr.	CARTRIDGE	Bullet weight grs.	Bullet index no.	No. in case	Weight of case in lbs.	Weight of case in kos
	.220 Swift					
1	Soft point pointed	50	501	1000	55	25,0
2	Full jacket semi pointed	50	502	1000	55	25,0
	.222 Rem.					
3	Soft point pointed	50	501	2000	68	31,0
4	Full jacket semi pointed	50	502	2000	68	31,0
	.243 Win.					
5	Hollow point	75	503	1000	59	27,0
151	Soft point semi pointed	100	566	1000	63	28,5
148	Full jacket semi pointed	100	565	1000	63	28,5
	.244 Rem.					
7	Hollow point	75	503	1000	60	27,5
8	Soft point pointed	90	504	1000	62	28,0
	.250 Savage					
9	Soft point pointed	87	505	1000	59	27,0
10	Soft point pointed	100	506	1000	61	27,5
101 *	Soft point pointed	120	507	1000	65	30,0
	.257 Roberts					
11	Soft point pointed	100	506	1000	63	28,5
12	Soft point pointed	120	507	1000	65	30,0
	6,5 Jap.					
13	Soft point pointed boattail	139	508	1000	66	30,0
14	Soft point round nose	156	509	1000	68	31,0
	6,5 × 54 MS					
15 *	Soft point pointed	77	510	1000	58	26,5
16	Soft point pointed boattail	139	508	1000	67	30,5
163 *	Full jacket boattail	139	512	1000	67	30,5
17	Soft point round nose	156	509	1000	70	31,5
164 *	Full jacket round nose	156	513	1000	70	31,5
	6,5 × 55					
105	Soft point pointed	77	510	1000	60	27,0
19 *	Full jacket pointed	93	511	1000	63	28,5
20	Soft point pointed boattail	139	508	1000	70	31,5
21	Full jacket boattail	139	512	1000	70	31,5
22	Soft point round nose	156	509	1000	71	32,5
23 *	Full jacket round nose	156	513	1000	71	32,5

* Orders subject to stock on hand.

norma center fire metallic cartridges

Index nr.	CARTRIDGE	Bullet weight grs.	Bullet index no.	No. in case	Weight of case in lbs.	Weight of case in kos
	9,3×57					
73 *	Hollow point boattail	232	549	1000	84	38,0
74	Soft point round nose	286	550	1000	91	41,5
	9,3×62					
75 *	Hollow point boattail	232	549	1000	84	38,5
76 *	Full jacket pointed	232	551	1000	84	38,5
77	Soft point round nose	286	550	1000	92	41,5
78	Full jacket round nose	286	552	1000	92	41,5
	9,3×74 R					
80	Hollow point boattail	232	549	1000	88	40,0
81 *	Full jacket pointed	232	551	1000	88	40,0
82	Soft point round nose	286	550	1000	95	43,5
83	Full jacket round nose	286	552	1000	95	43,5
	.375 H&H					
84	Soft point semi pointed	270	553	1000	106	48,5
85	Soft point semi pointed	300	554	1000	110	50,0

Norma Revolver and Pistol Cartridges

	.32 ACP					
86	Full jacket round nose	77	555	5000	107	48,5
	.30 Luger					
88	Full jacket round nose	93	556	4000	111	50,5
	9 mm Luger					
91	Full jacket round nose	116	557	4000	123	56,0
	.357 Magnum					
174	Half jacket flat lead nose	158	576	3000	126	57,0
	.38 SPL					
96	Wadc lead	148	558	3000	107	48,5
97	RN lead	158	559	3000	114	51,5
	.44 Magnum					
175	Half jacket flat lead nose	240	577	2000	128	58,0

* Orders subject to stock on hand.

magnum ballistics, standard-length action!

The super power .358 norma magnum

(Pictured on page 1 of this catalog) is a completely new cartridge designed and manufactured by Norma. For power, the .358 Norma Magnum equals the excellent .375 H&H, but its shorter overall length permits its use in un-altered, standard-length rifle actions.

Since such actions and barrels of excellent quality are now available from several makers, the .358 Norma Magnum cartridge opens a new way for building true magnum rifles at less expense than ever before. The .358 Norma Magnum cartridge is an excellent design for brush hunting, and has in recent tests given remarkable one-shot kills on big specimens of tiger, bear and other kinds of heavy game.
For further details on the new .358 Norma Magnum cartridge, write for Norma Technical Information No. 2.

norma

Is a complete line of hunting and target ammunition . . . Virgin brass cases for handloading . . . And precision bullets . . . Designed to fill the needs of shooters everywhere for consistent accuracy, rugged performance, and smashing power . . . Practically all American calibers and many other calibers unobtainable elsewhere, such as the 6.5 MM Jap and 7.7 MM Jap are carried in stock for immediate delivery.

Another **norma** speciality is the 6.5 × 55 MM cartridge for Norwegian Krag and Swedish Mauser rifles, international 300 meter rifles etc.

norma

Hunting and target ammunition is loaded with a new line of powders and give standard U. S. velocities and pressures. Primers are non-corrosive and non-mercuric and are of the American Boxer type. Cases are fully reloadable with standard U. S. primers.

norma

Virgin brass cases for handloading are ruggedly built for long life and to withstand maximum loads. They are supplied unprimed, and therefore permit large savings in transportation costs (no explosive).

All **norma** brass cases and **norma** bullets are available for handloading purposes, and can be ordered by index numbers shown in table on the preceding pages of this catalog. Further, the table shows number of items per shipping case, and gross weights of cases, to facilitate ordering.
For further information, please contact Norma Export Division.

The norma line of Ammunition
sold through the
norma around the world service
is the answer to the hunter's, shooter's and handloader's demands . . .

A. B. NORMA PROJEKTILFABRIK – ÅMOTFORS – SWEDEN

PRINTED IN SWEDEN ARVIKA TIDNINGS TRYCKERI 26116

norma

Super accurate

rifle, pistol and revolver bullets

Based on more than 65 years of experience in the bullet-making field, Norma hereby offers a line of 71 different bullet types, covering the entire range of calibers from the .22 up to and including the .44.

Over the years, Norma bullets have been extensively used in national matches in a great many countries and in every international match of importance, and have brought home countless victories to their users.

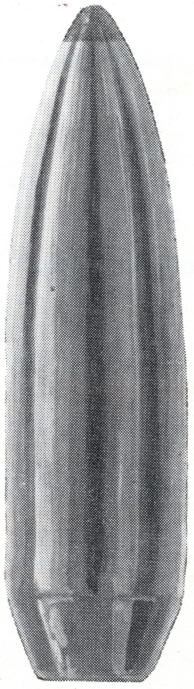
In the hunting fields all over the world, the special Norma expanding bullets as well as the penetrating full jacket designs have often saved human lives during dangerous safaries and have secured record trophies of all kinds.

This long period of bullet-making has been a constant search for improvements in bullet designs, shapes and materials, a restless work to make the Norma bullets represent the ultimate in efficiency and accuracy.

This development will never end. Norma bullets are constantly being improved, manufacturing tolerances are being reduced by the introduction of new tool designs and new tool materials. The manufacture of Norma bullets is carried out under constant inspection of the Norma Ballistic Laboratory, continuously firing sample groups from each bullet-making machine, and thereby insuring the highest degree of shot-to-shot uniformity.

There is an old saying: "The proof of the pudding is in the eating of it". One can tell good bullets apart from less good ones merely by looking at them. However, among the good brands, there is only one way to find the best. Even scale and micrometer won't do the trick. The only true answer regardless of range and caliber is the one given by your gun and target.

catalog no. 59



Soft point pointed boattail bullet

norma bullets

Index no.	Diam. inch	Weight grains	STYLE	No. in case	Gross wt. of case lbs	Gross wt. of case kos
norma rifle bullets packed in boxes of 100						
.22 caliber, .224" diameter						
501	.224	50	Soft point, pointed	10000	89	40,5
502	.224	50	Full jacket, semi pointed	10000	89	40,5
563	.224	55	Soft point, pointed	10000	97	44,0
6 mm, .243" diameter						
503	.243	75	Hollow point	5000	70	32,0
504	.243	90	Soft point, pointed	5000	81	37,0
566	.243	100	Soft point, semi pointed	5000	88	40,0
565	.243	100	Full jacket, semi pointed	5000	88	40,0
.25 caliber, .257" diameter						
505	.257	87	Soft point, pointed	5000	79	36,0
506	.257	100	Soft point, pointed	5000	88	40,0
507	.257	120	Soft point, pointed	5000	102	46,5
6,5 mm, .264" diameter						
510	.264	77	Soft point, pointed	5000	72	32,5
511	.264	93	Full jacket, pointed	5000	83	38,0
508	.264	139	Soft point, pointed, boattail	5000	117	53,0
512	.264	139	Full jacket, boattail	5000	117	53,0
509	.264	156	Soft point, round nose	5000	129	58,5
.270 caliber, .277" diameter						
514	.277	110	Soft point, pointed	5000	95	43,0
515	.277	130	Soft point, pointed, boattail	5000	109	50,0
516	.277	130	Hollow point, boattail	5000	109	50,0
517	.277	130	Full jacket, boattail	5000	109	50,0
518	.277	150	Soft point, pointed, boattail	5000	125	56,5
572	.277	150	Full jacket, pointed	5000	125	56,5
7 mm, .283" diameter						
519	.283	110	Soft point, pointed	5000	95	43,0
520	.283	150	Soft point, pointed, boattail	5000	125	56,5
521	.283	150	Full jacket, boattail	5000	125	56,5
523	.283	160	Soft point, pointed, boattail	5000	132	60,0
522	.283	175	Soft point, round nose	5000	142	65,0
.30 caliber, .308" diameter						
524	.308	110	Soft point, round nose	5000	95	43,0
525	.308	110	Full jacket, round nose	5000	95	43,0
529	.308	130	Soft point, pointed, boattail	5000	109	50,0
530	.308	130	Full jacket, boattail	5000	109	50,0
527	.308	150	Soft point, pointed, boattail	5000	125	56,5
531	.308	150	Full jacket, boattail	5000	125	56,5
574	.308	150	Full jacket, flat base	5000	125	56,5
561	.308	150	Soft point, flat nose	5000	125	56,5
526	.308	170	Soft point, flat nose	5000	139	63,0
528	.308	180	Soft point, pointed, boattail	5000	146	66,5
532	.308	180	Hollow point, boattail	5000	146	66,5
567	.308	187	Full jacket, boattail, Match	5000	152	69,0

norma bullets

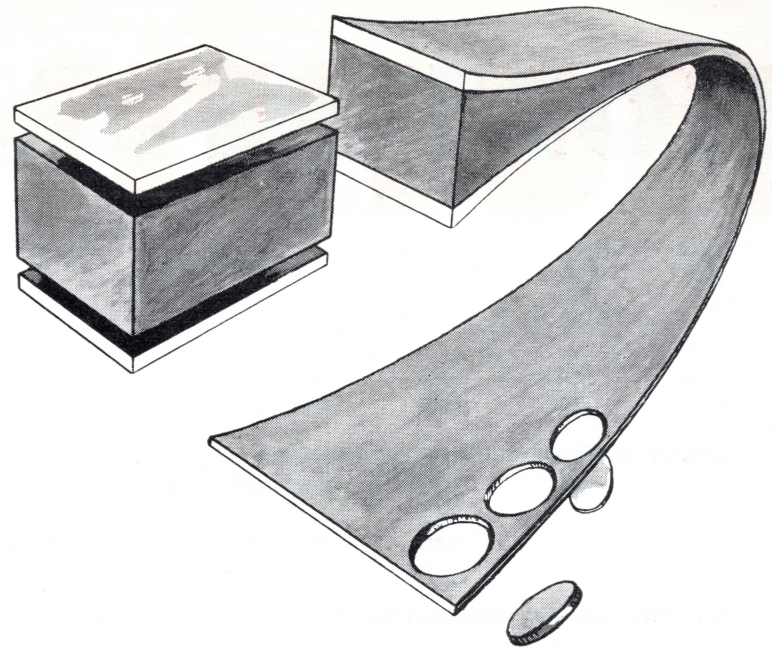
Index No.	Diam. inch	Weight grains	STYLE	No. in case	Gross wt. of case lbs	Gross wt. of case kos
534	.308	220	Soft point, round nose	5000	174	79,0
535	.308	220	Full jacket, round nose	5000	174	79,0
.303 caliber, .311" diameter						
536	.311	130	Soft point, pointed	5000	109	50,0
564	.311	150	Soft point, pointed	5000	125	56,5
537	.311	180	Soft point, pointed, boattail	5000	146	66,5
538	.311	215	Soft point, round nose	5000	171	78,0
8 mm, .318" diameter						
573	.318	159	Soft point, round nose	5000	131	59,5
580	.318	159	Full jacket, round nose	5000	131	59,5
539	.318	196	Soft point, round nose	5000	157	71,5
579	.318	196	Full jacket, round nose	5000	157	71,5
8 mm S, .323" diameter						
541	.323	123	Soft point, pointed	5000	105	47,5
542	.323	159	Soft point, round nose	5000	131	59,5
581	.323	159	Full jacket, round nose	5000	131	59,5
540	.323	196	Soft point, round nose	5000	157	71,5
543	.323	196	Full jacket, round nose	5000	157	71,5
544	.323	198	Hollow point, boattail	5000	159	72,0
545	.323	198	Full jacket, boattail	5000	159	72,0
546	.323	227	Soft point, round nose	5000	179	81,5
.35 caliber .358" diameter						
547	.358	200	Soft point, semi pointed	5000	160	73,0
548	.358	250	Soft point, semi pointed	5000	195	89,0
9,3 mm, .365" diameter						
549	.365	232	Hollow point, boattail	4000	150	68,0
550	.365	286	Soft point, round nose	4000	180	82,0
552	.365	286	Full jacket, round nose	4000	180	82,0
.375 caliber, .375" diameter						
553	.375	270	Soft point, semi pointed	4000	171	78,0
554	.375	300	Soft point, semi pointed	4000	189	86,0

NORMA Revolver and Pistol Bullets, packed in boxes of 100

.30 (.32) caliber, .308" diameter						
555	.308	77	Full jacket, round nose	5000	72	32,5
556	.308	93	Full jacket, round nose	5000	83	38,0
560	.308	93	Soft point, round nose	5000	83	38,0
9 mm, .355" diameter						
557	.355	116	Full jacket, round nose	5000	100	45,0
568	.355	116	Soft point, round nose	5000	100	45,0
.357 (.38) caliber, .357" diameter						
558	.357	148	Lead, wadcutter	7000	165	75,0
559	.357	158	Lead, round nose	7000	174	79,5
576	.357	158	Half jacket, flat lead nose	7000	174	79,5
.44 caliber, .430" diameter						
577	.430	240	Half jacket, flat lead nose	5000	190	86,5

how norma bullets are made

Shown here are the principal steps in the manufacture of a Norma Match bullet. Soft point bullets are made in a similar way, only with the jacket closed at the rear and open at the front.



Norma bullet jackets are drawn from the famous "Triple-Metal" material, consisting of a tough mild-steel core insuring maximum penetration and killing power, and a gilding metal or nickel alloy layer on each side protecting the steel and preventing barrel wear.

The coating is applied in a special hot-rolling process, and cannot flake off. Discs are punched from the rolled sheet material and drawn to proper length jackets in a series of punch-and-die tools. To insure uniformity, the jackets are trimmed off at the open end. Thereafter, they are shaped in several operations.

Bullet cores are cut from special alloy lead wire and swaged to correct shape. With core inserted in jacket, the bullet passes another series of tools forming the final contour.

Norma Triple-Metal steel jacketed bullets are used extensively by match shooters the world over. They do not wear barrels any more than bullets having other jacket materials.

With Norma hunting bullets, the strips of the expanded steel jacket remain at an angle and provide enormous killing power due to the bullet rotation.

A. B. NORMA PROJEKTILFABRIK – ÅMOTFORS – SWEDEN

PRINTED IN SWEDEN ARVIKA TIDNINGS TRYCKERI 189

norma

factory new
precision - made
brass cartridge cases

are especially designed and manufactured for long life in handloading. They are precision-made of the finest material available, and intended for use with standard American Boxer type primers of .210" or .175" diameter respectively. For identification, they carry the "Re" headstamp, meaning "Reloadable".

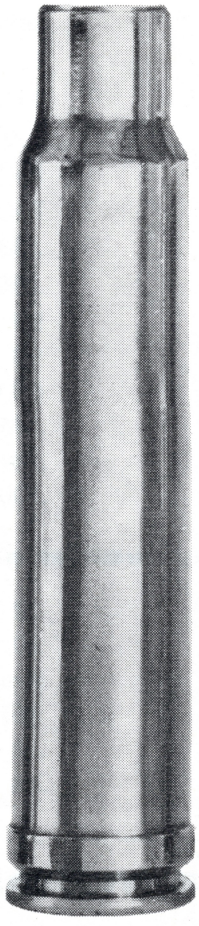
The Norma reloadable brass case is exactly the same product as used in loading the world famous Norma Olympic Match Grade target and hunting ammunition. It is made from the same top quality material, by the same machinery, and passed through the same exacting tests and inspections.

Before the final polishing operation, all Norma cartridge cases are given a careful neck anneal to prevent season cracking of loaded ammunition, and to insure a perfect bullet hold and long life in reloading. The Norma "Re" cases are ready to take the first bullet without previous sizing. After first shot, resize and load as usual.

The Norma "Re" cases are sold UNPRIMED, thereby permitting large savings in transportation costs (No explosive). They are packed in boxes of 20, of correct size to take the finished cartridge. On back of box is ample space for notes on bullet, powder type, primer etc. used, as well as shooter's name, number of reloads and other details.

Whenever a shooter finds his stock of brass worn out after many reloads, a few boxes of the factory new Norma "Re" cases will solve the problem.

catalog no. 59

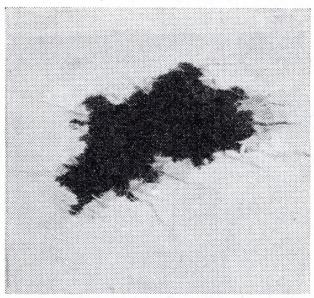
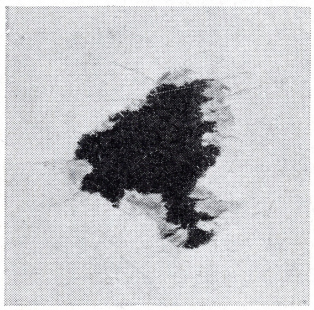


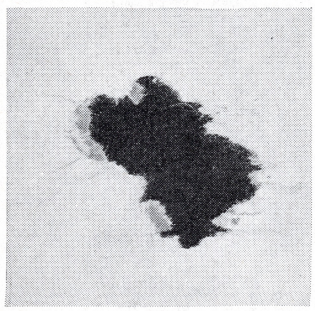
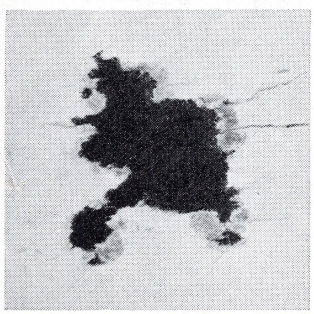
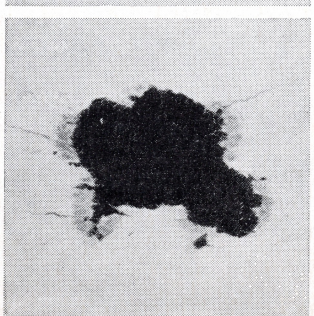
.358 norma magnum

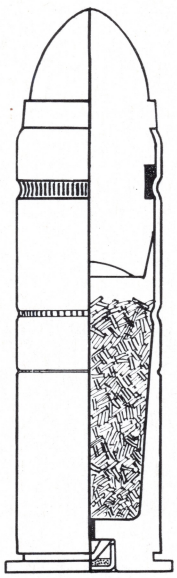
norma

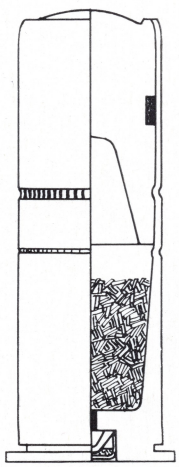
TECHNICAL INFORMATION NO. 1

REVOLVER CARTRIDGE .38 SPL





Bullet Weight:
158 grains

Muzzle Velocity:
870 feet per second (Barrel length 6 inches)

Bullet Material:
Lead, hardened by 2% Antimony

Case Material:
Brass

Powder:
Norma R-1

Normal Charge:
4,2 grains

Loading Density:
52 %

Priming:
Genuine SINOXID Boxer type primer, .175″ diam. Non-Corrosive, Non-Mercuric

Lubricant:
Special Norma formula

Reloadable cartridge case

Index Numbers:
Cartridge: 97
Case: 782
Bullet: 559

Bullet Weight:
148 Grains

Muzzle Velocity:
770 feet per second. (Barrel length 6 inches)

Bullet Material:
Lead, hardened by 2 % Antimony

Case Material:
Brass

Powder:
Norma R-1

Normal Charge:
2,9 grains

Loading Density:
42 %

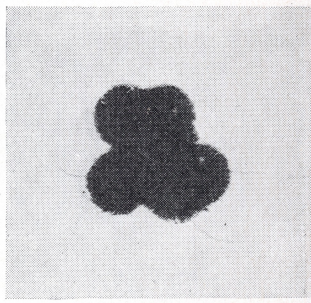
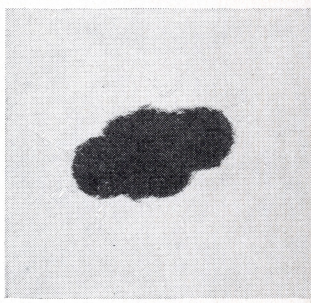
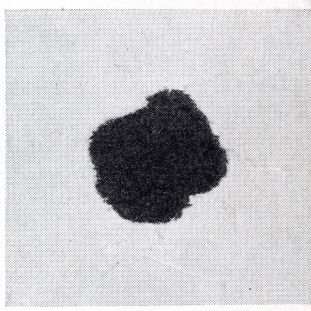
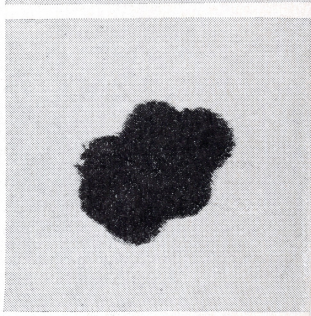
Priming:
Genuine SINOXID Boxer type primer, .175″ diam. Non-Corrosive, Non-Mercuric

Lubricant:
Special Norma formula

Reloadable cartridge case

Index Numbers:
Cartridge: 96
Case: 782
Bullet: 558

Packing: Plastic-coated cardboard boxes of 50 cartridges or cases, or 100 bullets

10-shot groups at 25 yards, machine rest. Full size

NORMA PROJEKTILFABRIK - AMOTFORS - SWEDEN

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